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To: William Miller
Art Unit : 3677 *2-DQ1*
Thursday, May 12, 2005
Case Serial Number: 09/703277

From: Etelka R. Griffin
Location: EIC 3600
KNOX/4B68
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Search Notes

Litigation Search

Pat#5842685

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 
Terms: **patno=5842685** ([Edit Search](#))

620211 (08) 5842685 December 1, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5842685

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[Link to Claims Section](#)

December 1, 1998

Temporary guard rail system

APPL-NO: 620211 (08)


FILED-DATE: March 29, 1996

GRANTED-DATE: December 1, 1998

CORE TERMS: rail, bracket, stanchion, guard, temporary, anchor, threaded, stud, rail system, adapter ...

ENGLISH-ABST:

An improved temporary guard rail system for use by residential and commercial builders on construction sites in those areas of building structures where an accidental fall may result in serious bodily injury. In particular, the temporary guard rail system of the present invention includes a plurality of upright stanchions having mounting brackets integrally formed or attached thereto that are connected by a plurality of vertically spaced, generally horizontal side rails extending end to end. The vertically spaced side rails are adapted for 360 degree rotational movement in both horizontal and vertical planes. In addition, the tubular guard rails are fabricated in a plurality of sections that may be slideably engaged, one inside another, to provide a telescoping adjustment of length. The temporary guard rail system may be adapted and secured to various features of a building such as balconies, elevated platforms, stair cases, and the perimeter of a floor prior to the external walls or permanent protective railings being erected to prevent accidental injury. Further, the temporary guard rail system is designed and manufactured to conform to OSHA requirements for temporary guard rails. This system also provides a versatile safety device which is easy to install, easy to dismantle, and relatively inexpensive to manufacture.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=5842685** ([Edit Search](#))

View: **Custom**

Segments: Abst, Date, English-abst, Granted-date, Reissue-comment

Date/Time: Thursday, May 12, 2005 - 12:33 PM EDT

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MAX 1 LEGALALL

1 / 1. PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US5842685 A 19981201 [US5842685]

Title :

(A) Temporary guard rail system

Patent Assignee :

(A) PURVIS HARRISON G (US)

Patent Assignee :

Purvis, Harrison G., Holly Springs NC [US]

Inventor(s) :

(A) PURVIS HARRISON G (US); ARNOLD JR LONNIE E (US)

Application Nbr :

US62021196 19960329 [1996US-0620211]

Filing Details :

C.I.P. of US421858 19950414 [1995US-0421858]

Continuation-in-part of: US5683074

Priority Details :

US62021196 19960329 [1996US-0620211]

US42185895 19950414 [1995US-0421858]

Intl Patent Class :

(A) E04H-017/14

EPO ECLA Class :

E04G-021/32B6

E04H-017/14C

EPO ICO Class :

P04H-017/00C

US Patent Class :

ORIGINAL (O) : 256067000; CROSS-REFERENCE (X) : 182113000 256059000
256DIG006

Document Type :

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Citations :

USRe20653; US-789242; US2136696; US2910135; US3278164; US3351311;
US3370836; US3382949; US3480257; US3524627; US3648982; US3662993;
US3733054; US3776521; US3785602; US3863900; US3880405; US4015827;
US4351469; US4830341; US5182889; US5188342; US5314167; US5431372;
US5452880; US5547169; US5551669; US5683074; FR1383061; FR2384918;
FR2596441; JP406322920

Publication Stage :

(A) United States patent

Abstract :

An improved temporary guard rail system for use by residential and commercial builders on construction sites in those areas of building structures where an accidental fall may result in serious bodily injury. In particular, the temporary guard rail system of the present invention includes a plurality of upright stanchions having mounting brackets integrally formed or attached thereto that are connected by a plurality of vertically spaced, generally horizontal side rails extending end to end. The vertically spaced side rails are adapted for 360 degree rotational movement in both horizontal and vertical planes. In addition, the tubular guard rails are fabricated in a plurality of sections that may be slideably engaged, one inside another, to provide a telescoping adjustment of length. The temporary guard rail system may be adapted and secured to various features of a building such as balconies, elevated platforms, stair cases, and the perimeter of a floor prior to the external walls or permanent protective railings being erected to prevent

accidental injury. Further, the temporary guard rail system is designed and manufactured to conform to OSHA requirements for temporary guard rails. This system also provides a versatile safety device which is easy to install, easy to dismantle, and relatively inexpensive to manufacture.

1 / 1 LGST - @EPO

Patent Number :

US5842685 A 19981201 [US5842685]

Application Number :

US62021196 19960329 [1996US-0620211]

Action Taken :

19960401 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: PURVIS, HARRISON G. ROUTE 1, BOX 238D HOLLY SPRING; EFFECTIVE

DATE: 19960327

19960401 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: ARNOLD, LONNIE E., JR.; EFFECTIVE DATE: 19960327

20010313 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20001031

20020211 US/AS-A

ASSIGNMENT

OWNER: COMERCIA BANK - TEXAS P.O. BOX 4167 (MAIL CODE 662; EFFECTIVE

DATE: 20020118

SECURITY INTEREST; ASSIGNOR: PURVIS, HARRISON G.; REEL/FRAME: 012598/0764

20031223 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030322

Update Code :

2004-42

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

5,842,685 A 19981201 [US5842685]

Patent Assignee :

Purvis Harrison G

Actions :

20001031 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010313

REISSUE REQUEST NUMBER: 09/703277

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3633

Reissue Patent Number:

20020211 REASSIGNED

SECURITY INTEREST

Assignor: PURVIS, HARRISON G. DATE SIGNED: 01/18/2002

Assignee: COMERCIA BANK - TEXAS P.O. BOX 4167 (MAIL CODE 6629) HOUSTON

TEXAS 77210

Reel 012598/Frame 0764

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20030322 REISSUE REQUESTED
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REISSUE REQUEST NUMBER: 10/104651
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3633

Reissue Patent Number:

1 / 1 INPADOC - @INPADOC

Patent Number :

US 5842685 A 19981201 [US5842685]

Title :

TEMPORARY GUARD RAIL SYSTEM

Inventor(s) :

PURVIS HARRISON G [US]; ARNOLD JR LONNIE E [US]

Patent Assignee (Words) :

PURVIS HARRISON G [US]

Application Details :

US 620211/96-A 19960329 [1996US-0620211]

Priority Details :

US 620211/96-A 19960329 [1996US-0620211]

US 421858/95-A2 19950414 [1995US-0421858]

Intl. Patent Class. :

E04H-017/14

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Patent Number :

US5842685 A 19981201 [US5842685]

Application Number :

US62021196 19960329 [1996US-0620211]

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19960401 US/AS02-A

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OWNER: ARNOLD, LONNIE E., JR.; EFFECTIVE DATE: 19960327

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EFFECTIVE DATE: 20030322

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